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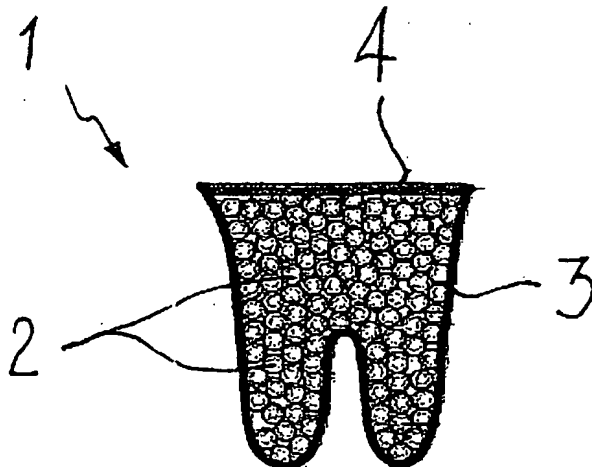
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(54) Title: **BIODEGRADABLE BIOCOMPATIBLE IMPLANT**



(57) Abstract: There is described a biocompatible implant for the filling of a cavity in a living organism such as, for example, a bone defect or an extraction wound, comprising an open porous scaffold and/or a composite matrix comprising a plurality of inorganic or synthetic granules and a synthetic polymer matrix, and further comprising a biodegradable membrane which is interconnectibly sealed to a surface portion of the scaffold or composite matrix such, that the scaffold or composite matrix and the membrane form a single piece of matter. In one embodiment, the implant is biodegradable.

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